

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
7 April 2005 (07.04.2005)

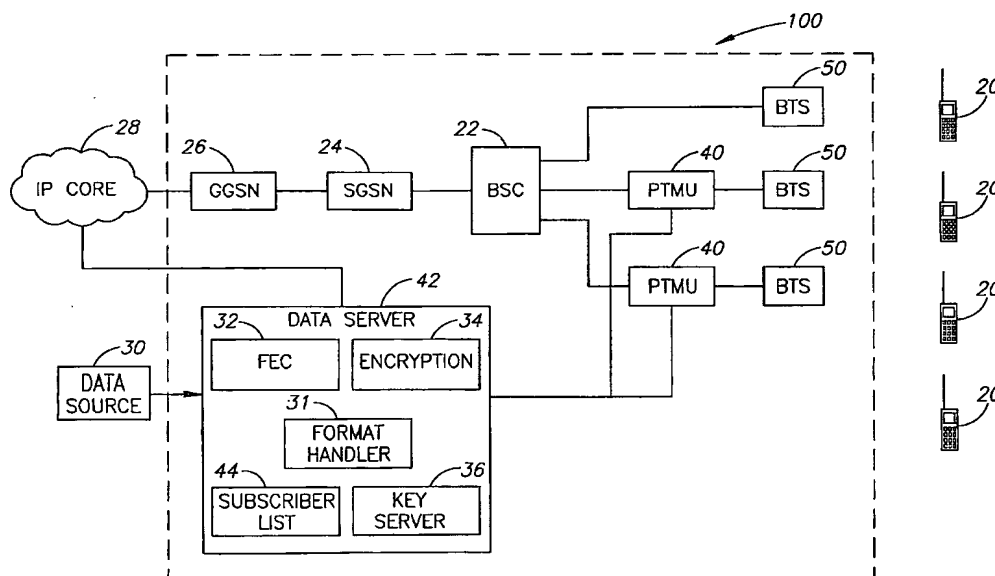
PCT

(10) International Publication Number
WO 2005/032026 A2

- (51) International Patent Classification⁷: **H04L**
- (21) International Application Number:
PCT/IL2004/000903
- (22) International Filing Date:
28 September 2004 (28.09.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
158158 29 September 2003 (29.09.2003) IL
PCT/IL04/000806
7 September 2004 (07.09.2004) IL
PCT/IL04/000805
7 September 2004 (07.09.2004) IL
- (63) Related by continuation (CON) or continuation-in-part (CIP) to earlier application:
US PCT/IL2004/000806 & (CIP)
Filed on 7 September 2004 (07.09.2004)
- (71) Applicant (for all designated States except US): **BAM-BOO MEDIACASTING LTD.** [IL/IL]; P.O. BOX 5035, 44150 KFAR-SABA (IL).
- (72) Inventors; and
(75) Inventors/Applicants (for US only): **FUCHS, Meir** [IL/IL]; 18/4 NAHAL HAYARKON STREET, 71700 MODYIN (IL). **MORAG, Guy** [IL/IL]; 6 HAGILAD STREET, 44864 KOCHAV YAIR (IL). **GOREN, Ido** [IL/IL]; 3 MALCHEI YEHUDA STREET, 46348 HERZELIA (IL). **AMRAM, Noam** [IL/IL]; 12 TCHARNIHOVSKI STREET, 58382 HOLON (IL).
- (74) Agents: **FENSTER, Paul et al.**; FENSTER & COMPANY, INTELLECTUAL PROPERTY 2002 LTD., P. O. BOX 10256, 49002 PETACH TIKVA (IL).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH,

[Continued on next page]

(54) Title: DISTRIBUTION OF MULTICAST DATA TO USERS



(57) Abstract: A method of multicasting a data file. The method includes transmitting a notification on an upcoming multicast transmission to a plurality of receivers designated to receive the multicast transmission, tuning by at least one of the plurality of receivers to one or more multicast channels, responsive to the notification, transmitting a data file, from a data server, on the one or more multicast channels, without the data server receiving acknowledgements from the receivers on whether they received the notification, determining receivers designated to receive the multicast transmission that did not receive at least a portion of the data file; and attempting to deliver the data file to the determined receivers.



GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.